

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v23)**

1. Factor the expression  $2x^2 + 15x - 27$

2. Factor the expression  $11x^2 + 83x - 40$

3. Factor the expression  $2x^2 - 3x - 27$

4. Factor the expression  $3x^2 + 29x + 18$

5. Factor the expression  $7x^2 + 24x + 9$

6. Factor the expression  $11x^2 - 54x - 5$

7. Factor the expression  $3x^2 + 20x - 63$

8. Factor the expression  $2x^2 + 5x - 42$

9. Factor the expression  $2x^2 - 13x + 15$

10. Factor the expression  $5x^2 - 17x - 40$